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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/555,587	03/08/2007	Brian E. Jones	GC800-2-US	4393	
7590	01/29/2008		EXAMINER		
Janet K Castaneda Genencor International Inc 925 Page Mill Road Palo Alto, CA 94304-1013		SAIDHA, TEKCHAND			
		ART UNIT	PAPER NUMBER		
		1652			
		MAIL DATE	DELIVERY MODE		
		01/29/2008	PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.



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Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER

**Please find below a communication from the EXAMINER in charge of this application**

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 C.F.R. § 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 C.F.R. §§ 1.821-1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.

APPLICANT IS GIVEN 30 days FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.R.F. §§ 1.821-1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. § 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. § 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Direct the response to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the response.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Tekchand Saidha whose telephone number is (703) 305-6595. If the examiner cannot be reached, inquiries can be directed to Supervisory Patent Examiner, Ponnathapu Achutamurthy whose telephone number is (703) 308-3804. The fax number for the organization where this application or proceeding is assigned is (703) 308-4242.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.



TEKCHAND SAIDHA  
PRIMARY EXAMINER

10/555,587

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Fri Aug 03 11:25:30 EDT 2007

=====

\*\*\*\*\*

Reviewer Comments:

<210> 2

<211> 1209

<212> DNA

<213> Unknown

<220>

<223> environmental sample

<221> misc\_feature

<222> 734

<223> n = A,T,C or G

<400> 2

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120

ctcggcttt tcgcccattcc ggcgctggat gaagaaaatc cagacggccc ggttcataat  
180

ttcgcgcgtt tagaccaa at tgctgccctg aaatgggtgc aggaaaat at cgctgcttc  
240

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300

tcgctgctgg cgtcgccgct ggcgaaaaac ctttccaca aaggattat acaaagcgcc  
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420

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cctgagccga tgctggatat attcttcgcc gggcgctcgc accgcattgc cttgatggc  
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gggagcaaca gcgacgaggc aagcgtgctg agctacttcg gcatcgatcc tgccggcag  
660  
gtcgaactgc tgccggggg agcggcggtt ccggactggg ggcttatcaa actgctgtat  
720  
tcccgagtg aaangggat gcccgaactc gggcgacagg tgtgccgca tatggcttt  
780  
nccncgctgg gttttgttgt gatgcaggcc cagcagcggg tcaatcagcc ctgctggcgc  
840

The above <222> response only indicates one "n" location (734); however, n's are also located at 781 and 784: please explain them.

(from Sequence 3)

<221> VARIANT  
<222> 245, 260, 261  
<223> Xaa = Any Amino Acid

<400> 3

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					20					25				30	
Thr	Val	Asn	Tyr	Arg	Leu	Gly	His	Leu	Gly	Phe	Phe	Ala	His	Pro	Ala
					35					40				45	
Leu	Asp	Glu	Glu	Asn	Pro	Asp	Gly	Pro	Val	His	Asn	Phe	Ala	Leu	Leu
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Arg	Ser	Val	Leu	Ser	Leu	Leu	Ala	Ser	Pro	Leu	Ala	Lys	Asn	Leu	Phe
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His	Lys	Gly	Ile	Ile	Gln	Ser	Ala	Tyr	Thr	Leu	Pro	Asp	Val	Asp	Arg
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Lys	Lys	Ala	Leu	Lys	Arg	Gly	Val	Ala	Leu	Ala	Gly	His	Tyr	Gly	Leu
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Gln	Asn	Ala	Thr	Ala	Asp	Glu	Leu	Arg	Ala	Leu	Pro	Ala	Asp	Gly	Leu

145	150	155	160
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165	170	175	
Asp Val Val Leu Pro Glu Pro Met Leu Asp Ile Phe Phe Ala Gly Arg			
180	185	190	
Gln His Arg Met Pro Leu Met Val Gly Ser Asn Ser Asp Glu Ala Ser			
195	200	205	
Val Leu Ser Tyr Phe Gly Ile Asp Pro Ala Gly Gln Val Glu Leu Leu			
210	215	220	
Arg Arg Gly Ala Ala Phe Pro Asp Trp Gly Leu Ile Lys Leu Leu Tyr			
225	230	235	240
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245	250	255	
Asp Met Ala Phe Xaa Xaa Leu Gly Phe Val Val Met Gln Ala Gln Gln			
260	265	270	

The above <222> response is incorrect: while Xaa is located at 245, "Phe" is located at 260 (not Xaa). Xaa's are located at 261 and 262.

\*\*\*\*\*

Application No: 10555587 Version No: 1.0

**Input Set:**

**Output Set:**

**Started:** 2007-08-01 10:04:38.617  
**Finished:** 2007-08-01 10:04:39.579  
**Elapsed:** 0 hr(s) 0 min(s) 0 sec(s) 962 ms  
**Total Warnings:** 3  
**Total Errors:** 8  
**No. of SeqIDs Defined:** 3  
**Actual SeqID Count:** 3

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 342	'n' position not defined found at POS: 1926 SEQID(1)
E 342	'n' position not defined found at POS: 1973 SEQID(1)
E 342	'n' position not defined found at POS: 1976 SEQID(1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 342	'n' position not defined found at POS: 781 SEQID(2)
E 342	'n' position not defined found at POS: 784 SEQID(2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 341	'Xaa' position not defined SEQID (3) POS (245)
E 341	'Xaa' position not defined SEQID (3) POS (261)
E 341	'Xaa' position not defined SEQID (3) POS (262)

SEQUENCE LISTING

<110> Genencor International, Inc.

Jones, Brian E.

Grant, William D.

Heaphy, Shaun

Rees, Helen C.

Grant, Susan

<120> Novel Lipolytic Enzyme LIP1

<130> GC801-2-PCT

<140> 10555587

<141> 2007-08-01

<150> PCT/US04/014752

<151> 2004-05-12

<150> US 60/469,931

<151> 2003-05-12

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 4313

<212> DNA

<213> Unknown

<220>

<223> environmental sample

<221> misc\_feature

<222> 1926, 1973, 1976

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<221> VARIANT

<222> 245, 260, 261

<223> Xaa = Any Amino Acid

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Thr	Val	Asn	Tyr	Arg	Leu	Gly	His	Leu	Gly	Phe	Phe	Ala	His	Pro	Ala
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His Lys Gly Ile Ile Gln Ser Ala Tyr Thr Leu Pro Asp Val Asp Arg  
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355 360 365  
Leu Gly Val His Ser Arg Ala Arg Phe Lys Val Glu Asn Arg Phe Met  
370 375 380  
Arg Met Arg Met Gln Leu Phe Lys Arg Val Met Lys His His Val Ser  
385 390 395 400  
Leu Asp